

## ABSTRACT

A bottom bracket assembly for a bicycle is comprised of a spindle and at least two cartridge bearings. The inner races of the cartridge bearings are axially fixed on the spindle by abutting stop elements. Crank arms attached to the ends of the spindle axially abut the outer stop elements, thus ensuring the precise and consistent axial location of the crank arms. Since the inner bearing races are fixed axially, the outer race of at least one cartridge bearing may be allowed to float in an axial direction to ensure proper alignment of the inner and outer races and the greatest possible bearing life for the bottom bracket.